



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 27, 2015

Jennifer J. Klika
Manager
Regulatory Affairs
Chem-Tech, Ltd.
1006 Business Hwy 5
Pleasantville, IA 50225

Subject: Notification per PRN 98-10 – ABN; update address and phone number; adding marketing language and small edits
Product Name: Permethrin 1% Liquid with Synergist
EPA Registration Number: 47000-151
Application Date: 7/20/2015
Decision Number: 507129

Dear Ms. Klika:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The alternate brand name Prozap® Insectrin 1% Pour-On Xtra has been added to the product record.

If you have any questions, you may contact Angela Hollis at 703-347-0216 or via email at hollis.angela@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Urbanski", is written over a horizontal line.

Jennifer Urbanski, Ph.D., Product Manager 4
Invertebrate and Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

Permethrin 1% Liquid with Synergist

ACTIVE INGREDIENTS:

Permethrins* 1.00%

Permethrins** 1.00%

OTHER INGREDIENTS:..... 98.00%

TOTAL..... 100.00%

* cis/trans ratio: Min 35% (+/-) trans and Max 65% (+/-) cis.

** Contains (Butylcarbityl)(6 propylpiperonyl) ether and related compounds

*** Contains Petroleum Distillates

EPA Reg. No. 47000-151

EPA Est. No. 47000-IA-01

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Contents:

Net Weight:

NOTIFICATION

47000-151

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/27/2015

Manufactured By:
CHEM-TECH, LTD.
1006 Business Hwy 5
Pleasantville, IA 50225

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Contains petroleum distillate. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Avoid contact with skin eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run off. This product has a potential for run off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run off that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or Viton
- Chemical-resistant apron for mixers, loaders, persons cleaning equipment, and for handlers performing animal dip operations.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID	
Have Product Container or Label with You When Calling a Poison Control Center, Doctor or Going in for Treatment.	
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If on Skin or on clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for further treatment advice.
If Swallowed:	<ul style="list-style-type: none">• Call a poison control center, doctor, or 1-800-498-5743 immediately for treatment advice or transport the patient to the nearest hospital.• Do not give any liquid to the patient.• Do not administer anything by mouth.• Do not induce vomiting unless told to do so by the poison control center or doctor.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

USE RESTRICTIONS

Do not contaminate food or feedstuffs.

Not for use in metered release systems.

Not for use in outdoor residential misting systems (indoor or outdoor).

Not registered in the State of California for the control of Sheep Keds or Lice on Sheep.

Do not make applications during rain.

Do not water the treated area to the point of run off. Do not water plants to the point of run off or drip

Except when applying to non-domestic (livestock), do not enter or allow others to enter treated area until sprays have dried.

Except when applying to non-domestic (livestock), do not enter or allow others to enter treated area until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.

Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to livestock, only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Treatment to soil or vegetation around structures,
2. Applications to lawns, turf, and other vegetation,
3. Applications to building foundations, up to a maximum height of 3 feet

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice application only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitation can occur. Do not allow the product to enter any drain during or after application.

When used in dairy barns or facilities:

Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects.

Remove or cover milking utensils before application. Wash teats of animals before milking.

Do not use sponge to apply.

<u>Apply To:</u>	<u>Target Insects:</u>	<u>Application Instructions:</u>
Lactating Dairy Cattle, Non-Lactating Dairy Cattle, Beef Cattle, Calves	Lice, Horn Flies. Aids in control of Horse Flies, Stable Flies, Mosquitos, Black Flies and Ticks.	Pour along back line and down face. Apply ½ fl. oz. (15cc) per 100 lbs. body weight of animal up to a maximum of 5 fl. oz. (at any one application) for any one animal. POUR ON USE: Pour on correct dose along back and down face. READY TO USE SPRAY: Use Undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. BACK RUBBER USE: Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Sheep	Sheep Keds, Lice	Pour along back line and down face. Apply ¼ fl. oz. (7.5cc) per 50 lbs. body weight of animal up to a maximum of 3 fl. oz. (at any one application) for any one animal.
Premises: In and Around Horse, Beef, Swine, Sheep and Poultry Premises, Animal Hospital Pens and Kennels, and Outside Meat Process Facilities	Horse Flies, Stable Flies, Face Flies, Gnats, Mosquitos, Black Flies, Fleas, Little House Flies (<i>Fannia spp.</i>). Aids in control of Cockroaches, Ants, Spiders, and Crickets	For use as a ready-to-use spot spray or premise spray: Use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticide coating, paying particular attention to areas where insects crawl or alight. One gallon will treat approximately 7300 square feet.

APPLICATION DIRECTIONS

Apply ½ fl. oz. per 100lbs of body weight of animal up to a maximum of 5 fl. oz. for any one animals to kill Lice, Horn Flies, and Face Flies. Aids in the kill of Horse Flies, Stable Flies, Mosquitos, and Black Flies on lactating and non-lactating dairy cattle, beef cattle, calves and sheep. For sheep apply ¼ fl. oz. per 50lbs of body weight of animal up to a maximum of 3 fl. oz. for any one animal.

Pour On:

Pour along back line and don face. For Keds on Sheep, pour along back line over neck, shoulders and rump.

Ready to Use Spray:

Use undiluted in a mist sprayer to apply correct does. Apply directly to neck, face, back, legs and ears.

For Pour On and Ready to Use Spray Applications:

Repeat treatment as needed, but do not exceed 5 fl. oz. or any one animal on cattle or 3 fl. oz. for any one animal on sheep during any 14 day interval. For optimum insecticidal effectiveness against lice a second treatment at 14 day intervals is recommended.

Back Rubber Use:

Mix one pint per gallon #2 diesel or mineral oil. Keep rubbing device charged. For Back Rubber applications, results are improved by daily forced use.

For cattle and sheep, repeated treatment as needed but not more than once every two weeks. For optimum lice kill, two treatments at a 14 day interval are recommended.

Special Note: This product is not effective at controlling cattle grubs.

This product is an oil based, ready to use product that may leave an oily appearance on the hair coat of some animals.

This product should be used in an integrated pest management system which may involve good sanitization, repeat treatments and the use of other pest control practices.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry and secure area. Store in original sealed container away from food or feed.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Non-refillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

DISCLAIMER

DISCLAIMER: To the extent permitted by applicable law, seller makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

OR

LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information),
Call: **1-800-621-8829**

Code (NT.RL.) NT.RL.

Alternate Brand Names:

Prozap[®] Insectrin 1% Pour-On
Xtra

Optional Marketing Statements:

Kills Flies & Lice

Insecticide for Cattle, Sheep
and their Premises

Synergized Formula for
Effective Kill

Synergized Permethrin

Ready to Use

Ready to Use as a Pour-On,
Spray or Mist, or Mix for
BackRubber Use

Kills Flies & Mosquitos

Can be Used on Lactating
Cattle

Made in the U.S.A.

<American Flag Graphic>

